

Title (en)  
PROCESS FOR THE PREPARATION OF CRYSTALLINE N-FORMIMIDOYL THIENAMYCIN MONOHYDRATE (IMIPENEM MONOHYDRATE)

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON KRISTALLINEM N-FORMIMIDOYLTHIENAMYCIN-MONOHYDRAT (IMIPENEM-MONOHYDRAT)

Title (fr)  
PREPARATION DE N-FORMIMIDOYL THIENAMYCINE MONOHYDRATE CRISTALLIN (IMIPENEM MONOHYDRATE)

Publication  
**EP 1334105 B1 20060405 (EN)**

Application  
**EP 01980805 A 20011105**

Priority  

- IB 0102069 W 20011105
- IN 983DE2000 A 20001103

Abstract (en)  
[origin: WO0236594A1] The present invention relates to a cost effective and commercially viable process for the preparation of crystalline N-formimidoyl thienamycin monohydrate (Imipenem monohydrate) of Formula I.

IPC 8 full level  
**C07D 477/00** (2006.01); **C07D 477/20** (2006.01); **A61K 31/407** (2006.01); **C07B 53/00** (2006.01)

CPC (source: EP KR US)  
**C07D 477/20** (2013.01 - EP KR US)

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**WO 0236594 A1 20020510**; AT E322495 T1 20060415; AU 1259102 A 20020515; BG 107852 A 20040130; CA 2427762 A1 20020510; CA 2427762 C 20091020; CN 100445284 C 20081224; CN 1481384 A 20040310; DE 60118593 D1 20060518; DK 1334105 T3 20060814; EA 006442 B1 20051229; EA 200300520 A1 20031030; EE 200300206 A 20031015; EP 1334105 A1 20030813; EP 1334105 B1 20060405; ES 2261494 T3 20061116; IN 191798 B 20040103; JP 2004525084 A 20040819; KR 20030059812 A 20030710; MX PA03003916 A 20040129; PT 1334105 E 20060831; US 2004054167 A1 20040318; US 7078534 B2 20060718; ZA 200303338 B 20040309

DOCDB simple family (application)  
**IB 0102069 W 20011105**; AT 01980805 T 20011105; AU 1259102 A 20011105; BG 10785203 A 20030527; CA 2427762 A 20011105; CN 01820715 A 20011105; DE 60118593 T 20011105; DK 01980805 T 20011105; EA 200300520 A 20011105; EE P200300206 A 20011105; EP 01980805 A 20011105; ES 01980805 T 20011105; IN 983DE2000 A 20001103; JP 2002539352 A 20011105; KR 20037006118 A 20030502; MX PA03003916 A 20011105; PT 01980805 T 20011105; US 41563303 A 20030918; ZA 200303338 A 20030430